

ABSTRACT OF THE DISCLOSURE

A SYSTEM AND METHOD FOR REMOTELY CONTROLLING AND MONITORING A PLURALITY  
OF COMPUTER SYSTEMS

Abstract: A control and monitoring system for a plurality of computer systems having a first processor means (296), a plurality of processor means (232, 234, 236, 238, 240, 242, 244, 246); a plurality of keyboard-video-mouse cables (100) each comprising a single connector (102) on one end and on the other end a connector for video (104), a connector for keyboard signals (106), a connector for mouse signals (108); a video display (68); a keyboard (72), and a pointing device (74). The video display (68) is enclosed in a first housing (69). The keyboard (72), and pointing device (74) are enclosed in a second housing (70) rotatably connected to the first housing (69). Each of a plurality of Keyboard-Video-Mouse Ports (20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50) comprises a single fifteen position D-sub connector through which keyboard, mouse, and video signals pass for each computer system connected to a keyboard-video-mouse switch. Local horizontal and vertical sync signals are generated when external syncs are absent for display of onscreen menus. The first processor means (296) accepts keyboard and mouse input for onscreen menu programming or passes keyboard and mouse data to the specified computer system. A second processor means (370) accepts commands, uploads, or downloads programming for the system through a communications port (12). Multiple control and monitoring systems may be daisy chained together where a first control and monitoring system acts as a master system and other control and monitoring systems are slave systems.